

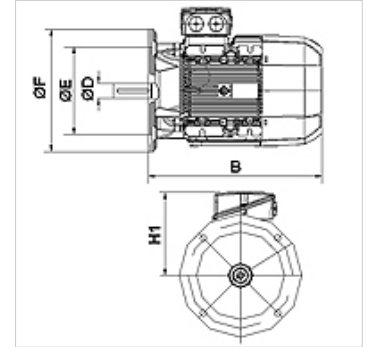
# HK B5 400/690V IE2

Electric motor B5 400/690V IE2

**HANSA FLEX**

## Properties

|                            |  |
|----------------------------|--|
| <b>Design</b>              | type B5<br>without feet  |
| <b>Protection IP</b>       | IP 55  |
| <b>Ambient temperature</b> | -20 °C to +40 °C   |
| <b>Material</b>            | Housing: Aluminium<br>Housing: Grey cast iron (from<br>HK160M4B354-6IE2) |



## Description

Self-cooling squirrel-cage energy-saving motors

High efficiency IE2 - IEC60034-30:2008

Rated voltage 400/690V 50Hz, 460V 60Hz; 4-pin

Voltage tolerance +- 5%

Above 11 kW incl. temperature protection (PTC thermistor)

## Item

| Identification              | n 50 Hz<br>(rpm) | n 60 Hz<br>(rpm) | P 50 Hz<br>(kW) | P 60 Hz<br>(kW) | I 50 Hz<br>(A) | LF 50 Hz | H1<br>(mm) | B<br>(mm) | Ø D shaft<br>(mm) | Ø E<br>(mm) | Ø F<br>(mm) | η (IE2) % | Weight<br>(kg) |
|-----------------------------|------------------|------------------|-----------------|-----------------|----------------|----------|------------|-----------|-------------------|-------------|-------------|-----------|----------------|
| <b>HK 112M4 B5 4-6 IE2</b>  | 1460             | 1760             | 4,00            | 4,60            | 8,20           | 0,81     | 177        | 375       | 28                | 180         | 250         | 85,5      | 29,0           |
| <b>HK 132SB4 B5 4-6 IE2</b> | 1460             | 1760             | 5,50            | 6,30            | 11,20          | 0,80     | 202        | 390       | 38                | 230         | 300         | 87,7      | 42,0           |

P 50 Hz = nominal output at 400 V/50 Hz – P 60 Hz = nominal output at 400 V/60 Hz – n 50 Hz = nominal speed at 400 V/50 Hz – n 60 Hz = nominal speed at 400 V/60 Hz – I 50 Hz = nominal current at 400 V/50 Hz – LF 50 Hz = cos phi power factor at 50 Hz – η (IE2) = efficiency to IE2 in % (at full load)